



252815

RG59/U CCTV + POWER PLENUM
Analog Video, CCTV Video

Construction & Dimensions

CONSTRUCTION & DIMENSIONS	-	
Component	Video	Power Cable
CONDUCTOR PARAMETER	-	
• Number of Conductors	1	2
• AWG Size	20	18
• Conductor Stranding	Solid	7x26
• Conductor Type	Bare Copper	Bare Copper
• Nominal DCR	10.1 Ohm/1000ft	6.2 Ohm/1000ft
INSULATION PARAMETER	-	
• Insulation Type	Foam FEP	Plenum PVC
• Insulation Thickness	0.138 in	0.008 in
• Insulation Color Code		1. Black 2.Red
SHIELDING PARAMETER	-	
• Shield Type	95% Bare Copper Braid	None
ELECTRICAL CHARACTERISTICS	-	
• Nominal Impedance	75 Ohm	
• Nom. Cap. Between Conductors	16.2 pF/ft	

Overall Construction

OVERALL CONSTRUCTION PARAMETERS	-
Total Number of Conductors	3
Jacket Type	Flexible Plenum - Siamese
Nominal Cable O.D.	0.198 x.465 in
Plenum	Yes
NEC UL Rating	CMP
RoHS Compliant	Yes
Pull Tension	75 lbs
Bend Radius	4.6 in
Cable Weight	60 lbs

Overall Electrical & Optical Characteristics

OVERALL ELECTRICAL/OPTICAL CHARACTERISTICS	-
Nominal Velocity of Propagation (VP)	82 %
UL Flammability	NFPA 262 Plenum
Operating Range	-0 to 60 Deg C
UL Voltage Rating	300



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Attenuation

FREQUENCY (MHz)	ATTENUATION (db/100ft)
1 MHz	0.3 dB
10 MHz	1.1 dB
50 MHz	1.8 dB
100 MHz	3 dB
200 MHz	3.91 dB
400 MHz	5.3 dB
700 MHz	7.9 dB
900 MHz	9.5 dB
1000 MHz	10 dB

Related Products

RELATED PRODUCTS	
Non Plenum Number	2815B
BNC Crimp	CN-BM74-32
BNC Compression	CN-BNC59MCV